



6-27-06

T.R.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: David Casey Examiner: Unassigned
Serial No.: 10/566,813 Group Art Unit: Unknown
Filed: January 30, 2006 Docket: 078986-0222
Title: BIPOLE TRANSISTOR WITH A LOW SATURATION VOLTAGE

CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this Transmittal Letter and the paper, as described herein, are being deposited in the United States Postal Service, as Express Mail (EV 700372655US) with sufficient postage, in an envelope addressed to: Mail Stop Amendment Commissioner for Patents, Alexandria VA 22313 on June 26, 2006

By:

Richard Ruggiero

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313
Sir:

We are transmitting herewith the attached:

- Information Disclosure Statement
- Form PTO/SB/08
- Copies of cited references (4)
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Please charge any fees associated with this transmittal to Deposit Account No 50-0872

Date: June 26, 2006
FOLEY & LARDNER LLP
2029 Century Park E. 35th Floor
Los Angeles, CA 90067
Phone (310)277-2223
Facsimile (310) 557-8475

By:

Name: Ted Rittmaster
Reg. No.: 32,933
TRR/rsr



Atty. Dkt. No. 078986-0222

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: David CASEY

Title: BIPOLAR TRANSISTOR WITH
A LOW SATURATION
VOLTAGE

Appl. No.: 10/566,813

International Filing Date: 07/12/2004 – USPTO Received
Filing Date: Date: 01/30/2006
371(c) Date:

Examiner: Unknown

Art Unit: Unknown

Confirmation Number: Unknown

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| CERTIFICATE OF EXPRESS MAILING | |
| I hereby certify that this correspondence is being deposited with the United States Postal Service's "Express Mail Post Office To Addressee" service under 37 C.F.R. § 1.10 on the date indicated below and is addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. | |
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| Richard Ruggiero (Printed Name) | |
|  (Signature) | |

INFORMATION DISCLOSURE STATEMENT
UNDER 37 CFR §1.56

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Submitted herewith on Form PTO/SB/08 is a listing of documents known to Applicant in order to comply with Applicant's duty of disclosure pursuant to 37 CFR §1.56.

A copy of each non-U.S. patent document and each non-patent document is being submitted to comply with the provisions of 37 CFR §1.97 and §1.98.

The submission of any document herewith, which is not a statutory bar, is not intended as an admission that such document constitutes prior art against the claims of the present application or that such document is considered material to patentability as defined in 37 CFR §1.56(b). Applicant does not waive any rights to take any action which would be

appropriate to antedate or otherwise remove as a competent reference any document which is determined to be a *prima facie* art reference against the claims of the present application.

TIMING OF THE DISCLOSURE

The listed documents are being submitted in compliance with 37 CFR §1.97(b), before the mailing date of the first Office Action on the merits.

RELEVANCE OF EACH DOCUMENT

Any document listed on the attached PTO/SB/08 was cited as being relevant during the prosecution of the corresponding International application. A copy of the International Search Report is attached setting forth the portion of each document considered relevant by the examiner. An English-language counterpart of the foreign-language document has not been provided. The absence of a translation or an English-language counterpart document does not relieve the PTO from its duty to consider any submitted document (37 CFR §1.98 and MPEP§609).

Applicant respectfully requests that each listed document be considered by the Examiner and be made of record in the present application and that an initialed copy of Form PTO/SB/08 be returned in accordance with MPEP §609.

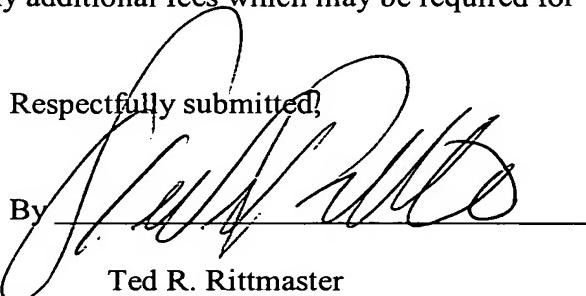
Although Applicant believes that no fee is required for this Request, the Commissioner is hereby authorized to charge any additional fees which may be required for this Request to Deposit Account No. 50-0872.

Date June 26, 2006

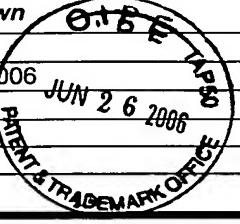
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Respectfully submitted,

By


Ted R. Rittmaster
Attorney for Applicant
Registration No. 32,933

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| INFORMATION DISCLOSURE STATEMENT BY APPLICANT Date Submitted: June 26, 2006 <i>(use as many sheets as necessary)</i> | | | |  | |
| Sheet | 1 | of | 1 | Application Number | 10/556,813 |
| | | | | Filing Date | January 30, 2006 |
| | | | | First Named Inventor | David Casey |
| | | | | Group Art Unit | Unknown |
| | | | | Examiner Name | Unassigned |
| | | | | Attorney Docket Number | 078986-0222 |

U.S. PATENT DOCUMENTS

| Examiner Initials* | Cite No. ¹ | U.S. Patent Document | | Name of Patentee or Applicant of Cited Document | Date of Publication of Cited Document MM-DD-YYYY | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
|--------------------|-----------------------|----------------------|-----------------------------------|---|--|---|
| | | Number | Kind Code ² (if known) | | | |
| A1 | 3,678,348 | | | Reber et al. | 07/18/1972 | |
| A2 | 4,236,171 | | | Shen | 11/25/1980 | |
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| A4 | 5,229,313 | | | Takata | 07/20/1993 | |
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FOREIGN PATENT DOCUMENTS

| Examiner Initials* | Cite No. ¹ | Foreign Patent Document | | | Name of Patentee or Applicant of Cited Documents | Date of Publication of Cited Document MM-DD-YYYY | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | T ⁶ |
|--------------------|-----------------------|-------------------------|---------------------|-----------------------------------|--|--|---|----------------|
| | | Office ³ | Number ⁴ | Kind Code ⁵ (if known) | | | | |
| A5 | EP | 0 341 221 | | | SGS-Thomason Microelectronics S.r.l. | 11/08/1989 | | |
| A6 | JP | 62-244170 | | | Sanyo Electric Co. Ltd | 10/24/1987 | | AB |
| A7 | GB | 2 081 009 A | | | Westinghouse Electric Corporation | 02/10/1982 | | |
| | | | | | | | | |
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NON PATENT LITERATURE DOCUMENTS

| | | | |
|--------------------|-----------------------|--|----------------|
| Examiner Initials* | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published. | T ⁶ |
| A8 | | Proceedings of 2001 International Symposium on Power Semiconductor Devices & ICs, Osaka – 1.8 kV, 3.8 A Bipolar Junction Transistors in 4H-SiC – Sei-Hyung Ryu, Anant K. Agarwal, John W. Palmour, and Michael E. Levinstein – Pages 37-40. | |
| A9 | | Copy of PCT International Search Report dated September 2, 2004 for PCT/GB2004/003018 | |
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|--------------------|-----------------|
| Examiner Signature | Date Considered |
|--------------------|-----------------|

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

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